



STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SUBSURFACE INFORMATION

BORING NUMBER: B-102
SHEET 1 of 2
DATE STARTED: 11/07/07
DATE COMPLETED: 11/09/07

PROJECT NAME: STOWE PROJECT NUMBER: BRF 029-1(17)
SITE NAME: VT-100 SITE NUMBER: BR-208
STATION: 15+11 GROUND ELEVATION: 684.8 ft
OFFSET: 7.50 GROUNDWATER DEPTH: 17.3 ft 11/08/07
VTSPG: N 708252.33 ft E 1587419.31 ft PROJECT PIN NUMBER: 85E037

BORING CREW BORING RIG: LARGE SKID RIG w/AUTO HAMMER
CREW CHIEF: GARROW BORING TYPE: WASH BORE
DRILLER: GARROW SAMPLE TYPE: SPLIT BARREL
LOGGER: WERNER CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		Asphalt Pavement, 0.0 ft - 1.0 ft					
		BXDC, Concrete, Cored ahead, Lost water at 3.0ft, 1.0 ft - 3.0 ft					
		Void, Casing dropped fast., 3.0 ft - 4.5 ft					
5		BXDC, Cobbles, Cleaned out casing., 5.0 ft - 6.0 ft					
		A-1-b, GrSa, brn, Wet, Rec. = 0.5 ft		11.8	38.9	44.0	17.1
10		A-2-4, Sa, brn, Wet, Rec. = 0.6 ft	6	16.6	16.2	64.1	19.7
15		A-2-4, SiSa, brn, Wet, Rec. = 0.9 ft	5	20.4	19.5	60.2	20.3
20		A-1-a, SaGr, brn, Wet, Rec. = 0.7 ft	15	16.0	58.4	28.3	13.3
25		A-4, Si, gry, Wet, Rec. = 1.3 ft	6	36.0	6.9	5.8	87.3
30		A-3, Sa, brn, Wet, Rec. = 1.1 ft	7	22.2	3.7	90.1	6.2

LOG OF BORING STOWE BRF029-1(17).GPJ VT.AOT.GDT 1/14/08



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DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
35		A-2-4, SiSaGr, gry, Wet, Rec. = 1.3 ft	R	11.6	43.2	29.2	27.6
40		Visual Class., Material was mostly broken rock., gry, Moist, Rec. = 0.6 ft Field Class., BXDC, Cobbles, Advanced casing.	R	9.8			
45		Visual Class., Broken rock, gry, Wet, Rec. = 0.4 ft Field Class., No sample, Cobbles & Boulders, Cored ahead.	R	8.1			
50							
							Top of Bedrock @ 53.0 ft
55		Black, Thinly laminated Phyllite, with numerous pyrite porphyroblasts, Poor RQD may be due to mechanical breakage during drilling, Medium soft, Unweathered, BXMDC, 53.0 ft - 58.0 ft, Rec. = 4.0 ft	1	80	26	55	12 10 13 16 14
60		Black, Thinly laminated Phyllite, with numerous pyrite porphyroblasts, Poor RQD may be due to mechanical breakage during drilling, Medium soft, Unweathered, BXMDC, 58.0 ft - 61.0 ft, Rec. = 2.0 ft	2	67	0	55	15 17 14
		Black, Thinly laminated Phyllite, with numerous pyrite porphyroblasts, Poor RQD may be due to mechanical breakage during drilling, Medium soft, Unweathered, BXMDC, 61.0 ft - 64.0 ft, Rec. = 3.0 ft	3	100	33	55	14 16 13
65		Hole stopped @ 64.0 ft					

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